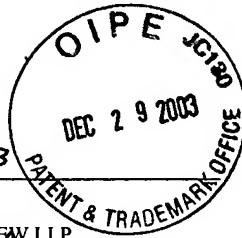


I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to:

PATENT
Attorney Docket No.: 021654-000270US

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450



On 12-23-03

TOWNSEND and TOWNSEND and CREW LLP

By: London Clark

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Kenichi Wakabayashi, et al.

Application No.: 10/727,400

Filed: December 3, 2003

For: CARTRIDGE FOR ELECTRONIC
DEVICES

Examiner: Gerald Tolin

Art Unit: 2835

INFORMATION DISCLOSURE
STATEMENT UNDER 37 CFR §1.97 and
§1.98

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

The references cited on attached form PTO/SB/08A and PTO/SB/08B are being called to the attention of the Examiner. In accordance with 37 CFR §1.98(d), copies of the references can be found in Application No. 10/442,873, filed May 21, 2003 (Attorney Docket No. 021654-000260US). It is respectfully requested that the cited references be expressly considered during the prosecution of this application, be made of record therein and appear among the "references cited" on any patent to issue therefrom.

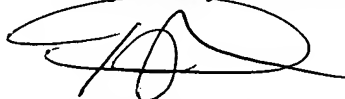
As provided for by 37 CFR 1.97(g) and (h), no inference should be made that the information and references cited are prior art merely because they are in this statement and no

representation is being made that a search has been conducted or that this statement encompasses all the possible relevant information.

Applicant believes that no fee is required for submission of this statement.

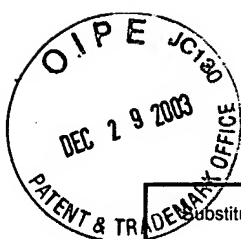
However, if a fee is required, the Commissioner is authorized to deduct such fee from the undersigned's Deposit Account No. 20-1430. Please deduct any additional fees from, or credit any overpayment to, the above-noted Deposit Account.

Respectfully submitted,

A handwritten signature in black ink, appearing to be 'PJ' or similar, enclosed within a large, loopy oval shape.

Patrick R. Jewik
Reg. No. 40,456

TOWNSEND and TOWNSEND and CREW LLP
Two Embarcadero Center, Eighth Floor
San Francisco, California 94111-3834
Tel: 415-576-0200
Fax: 415-576-0300
PRJ/lle
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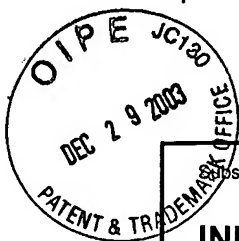


INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)			Complete if Known		
			Application Number	10/727,400	
			Filing Date	December 3, 2003	
			First Named Inventor	Wakabayashi, Kenichi	
			Art Unit	Unassigned	
			Examiner Name	Unassigned	
Sheet	1	of	4	Attorney Docket Number	021654-000270US

U.S. PATENT DOCUMENTS+					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number Kind Code ² (if known)			
	AA	US-3,225,262	12-21-1965	Myers	
	AB	US-3,993,123	11-23-1976	Chu et al.	
	AC	US-4,027,206	05-31-1977	Lee	
	AD	US-4,092,697	05-30-1978	Spaight	
	AE	US-4,137,563	01-30-1979	Tsunoda	
	AF	US-4,381,552	04-26-1983	Nocilini et al.	
	AG	US-4,545,030	10-01-1985	Kitchin	
	AH	US-4,557,225	12-10-1985	Sagues, et al.	
	AI	US-4,563,725	01-07-1986	Kirby	
	AJ	US-4,621,304	11-04-1986	Oogaki et al.	
	AK	US-4,636,916	01-13-1987	Burt, et al.	
	AL	US-4,639,829	01-27-1987	Ostergren et al.	
	AM	US-4,649,990	03-17-1987	Kurihara et al.	
	AN	US-4,682,566	07-28-1987	Aitken	
	AO	US-4,729,060	03-01-1988	Yamamoto et al.	
	AP	US-4,739,444	04-19-1988	Zushi, et al.	
	AQ	US-4,771,365	09-13-1988	Cichocki et al.	
	AR	US-4,791,608	12-13-1988	Fushimoto	
	AS	US-4,833,570	05-23-1989	Teratani	
	AT	US-4,849,944	07-18-1989	Matsushita	
	AU	US-4,855,869	08-08-1989	Tsuji	
	AV	US-4,872,091	10-03-1989	Maniwa et al.	
	AW	US-4,879,632	11-07-1989	Yamamoto et al.	
	AX	US-4,914,551	04-03-1990	Anschel et al.	
	AY	US-4,962,444	10-09-1990	Niggemann	
	AZ	US-5,016,086	05-14-1991	Inoue et al.	
	BA	US-5,024,264	06-18-1991	Natori et al.	
	BB	US-5,031,076	07-09-1991	Kiku	
	BC	US-5,060,112	10-22-1991	Cocconi	
	BD	US-5,136,146	08-04-1992	Anglin et al.	
	BE	US-5,136,464	08-04-1992	Ohmori	
	BF	US-5,138,521	08-11-1992	Watanabe, et al.	
	BG	US-5,142,614	08-25-1992	Schneider et al.	
	BH	US-5,162,610	11-10-1992	Clifton et al.	
	BI	US-5,184,211	02-02-1993	Fox	
	BJ	US-5,195,176	03-16-1993	Lung	
	BK	US-5,198,965	03-30-1993	Curtis et al.	
	BL	US-5,208,732	05-04-1993	Baudouin et al.	
	BM	US-5,227,631	07-13-1993	Hunter, III et al.	
	BN	US-5,287,247	02-15-1994	Smits et al.	
	BO	US-5,289,342	02-22-1994	Spalding et al.	
Examiner Signature		Date Considered			

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² Kind Codes of U.S. Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

60107336 v1



Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)			Complete if Known		
			Application Number	10/727,400	
			Filing Date	December 3, 2003	
			First Named Inventor	Wakabayashi, Kenichi	
			Art Unit	Unassigned	
Examiner Name	Unassigned				
Sheet	2	of	4	Attorney Docket Number	021654-000270US

U.S. PATENT DOCUMENTS+					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number Kind Code ² (if known)			
	BP	US-5,389,819	02-14-1995	Matsuoka	
	BQ	US-5,424,913	06-13-1995	Swindler	
	BR	US-5,432,913	07-11-1995	Smits et al.	
	BS	US-5,437,041	07-25-1995	Wakabayashi et al.	
	BT	US-5,473,506	12-05-1995	Kikinis	
	BU	US-5,475,563	12-12-1995	Donahoe et al.	
	BV	US-5,481,656	01-02-1996	Wakabayashi et al.	
	BW	US-5,504,669	04-02-1996	Wakabayashi et al.	
	BX	US-5,526,229	06-11-1996	Wakabayashi et al.	
	BY	US-5,548,487	08-20-1996	Brabetz et al.	
	BZ	US-5,615,085	03-25-1997	Wakabayashi et al.	

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Examiner Initials*	Cite No. ¹	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³	Number ⁴ Kind Code ⁵ (if known)				
	CA	DE	3237878	04-26-1984	Ant Nachrichtentech		<input type="checkbox"/>
	CB	DE	3416348	11-07-1985	Siemens AG		<input type="checkbox"/>
	CC	DE	9112099.3	01-23-1992			<input checked="" type="checkbox"/> (Corresponds to 5,548,487)
	CD	EP	0198378 A2	10-22-1986	Otis Elevator Company		<input type="checkbox"/>
	CE	FR	2601791 A1	01-22-1988	Ricoh Company Ltd.		<input checked="" type="checkbox"/> (Corresponds to 4,872,091)
	CF	GB	2164803 A	03-26-1986	Smiths Industries Public Limited Company		<input type="checkbox"/>
	CG	GB	2248973 A	04-22-1992	Mitsubishi Electric Corp		<input type="checkbox"/>
	CH	JP	53-91375	08-11-1978	Hitachi Ltd.		<input checked="" type="checkbox"/> (Abstract)
	CI	JP	54-2834	01-10-1979	Atari Inc.		<input checked="" type="checkbox"/> (Abstract)
	CJ	JP	56-129353 A	10-09-1981	Mitsubishi Electric Corp		<input checked="" type="checkbox"/>
	CK	JP	57-75498 A	05-12-1982	Mitsubishi Electric Corp		<input checked="" type="checkbox"/>
	CL	JP	57-75499 A	05-12-1982	Mitsubishi Electric Corp		<input checked="" type="checkbox"/>
	CM	JP	57-198798	12-17-1982			<input checked="" type="checkbox"/>
	CN	JP	58-30994	02-28-1983			<input checked="" type="checkbox"/>
	CO	JP	58-140691	09-21-1983			<input checked="" type="checkbox"/>
	CP	JP	58-162694	10-29-1983			<input checked="" type="checkbox"/>
	CQ	JP	58-201349 A	11-24-1983	Mitsubishi Electric Corp		<input checked="" type="checkbox"/>
	CR	JP	59-194458 A	11-05-1984	Chiba, et al.		<input checked="" type="checkbox"/>
	CS	JP	60-32397 A	02-19-1985	Matsushita Electric IND Co Ltd.		<input checked="" type="checkbox"/>

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Art Unit			Unassigned		
Examiner Name			Unassigned		
Attorney Docket Number			021654-000270US		
Sheet	3	of	4		

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		Country Code ³	Number ⁴	Kind Code ⁵ (if known)				
	CT	JP	60-173791	A	09-07-1985	Matsushita Electric IND Co Ltd.		<input checked="" type="checkbox"/> (Abstract)
	CU	JP	60-254641	A	12-16-1985	Fujitsu Ltd.		<input checked="" type="checkbox"/> (Abstract)
	CV	JP	61-222763	A	10-03-1986	Seiko Epson Corp.		<input checked="" type="checkbox"/> (Abstract)
	CW	JP	62-1181	A	01-07-1987	Ricoh Company Ltd.		<input checked="" type="checkbox"/> (Abstract)
	CX	JP	62-45841	U	03-19-1987			<input checked="" type="checkbox"/>
	CY	JP	63-50096	A	03-02-1988	Fanuc Ltd.		<input checked="" type="checkbox"/> (Partial Translation)
	CZ	JP	63-119554	A	05-24-1988	Nippon Electric Co.		<input checked="" type="checkbox"/> (Abstract)
	DA	JP	63-181385	A	07-26-1988	Hitachi Ltd.		<input checked="" type="checkbox"/>
	DB	JP	63-184397	A	07-29-1988	Nippon Telegraph & Telephone		<input checked="" type="checkbox"/>
	DC	JP	63-167796	U	11-01-1988			<input checked="" type="checkbox"/>
	DD	JP	63-278261	A	11-15-1988	Nippon Electric Co.		<input checked="" type="checkbox"/> (Partial Translation)
	DE	JP	63-284869	A	11-22-1988	Fujitsu Ltd.		<input checked="" type="checkbox"/>
	DF	JP	63-289999	A	11-28-1988	Hitachi Ltd.		<input checked="" type="checkbox"/>
	DG	JP	63-292661	A	11-29-1988	Nippon Telegraph & Telephone		<input checked="" type="checkbox"/>
	DH	JP	64-74797	A	03-20-1989	Oki Electric IND Co Ltd.		<input checked="" type="checkbox"/>
	DI	JP	1-122195	A	05-15-1989	NEC Corp.		<input checked="" type="checkbox"/>
	DJ	JP	1-140799	A	06-01-1989	NEC Corp.		<input checked="" type="checkbox"/>
	DK	JP	1-89791	U	06-13-1989			<input checked="" type="checkbox"/>
	DL	JP	1-165415	A	06-29-1989	Mitsubishi Cable IND Ltd.		<input checked="" type="checkbox"/> (Abstract)
	DM	JP	1-220898	A	09-04-1989	Mitsubishi Electric Corp.		<input checked="" type="checkbox"/>
	DN	JP	1-298753	A	12-01-1989	Nippon Electric Co.		<input checked="" type="checkbox"/> (Abstract)
	DO	JP	1-319194	A	12-25-1989	Nippon Electric Co.		<input checked="" type="checkbox"/> (Abstract)
	DP	JP	2-58789	A	02-27-1990	Nippon Electric Co.		<input checked="" type="checkbox"/> (Abstract)
	DQ	JP	2-66962	A	03-07-1990	Mitsui Petrochemical IND		<input checked="" type="checkbox"/> (Abstract)
	DR	JP	2-119299	A	05-07-1990	Mitsubishi Electric Corp.		<input checked="" type="checkbox"/> (Abstract)
	DS	JP	2-123798	U	10-11-1990			<input checked="" type="checkbox"/>
	DT	JP	2-253289	A	10-12-1990	Canon		<input checked="" type="checkbox"/> (Abstract)
	DU	JP	2-277700	A	11-14-1990	Nippon Electric Co.		<input checked="" type="checkbox"/> (Abstract)
	DV	JP	3-11409	A	01-18-1991	Oki Electric IND Co Ltd.		<input checked="" type="checkbox"/> (Abstract)
	DW	JP	3-6724	A	01-23-1991	Seiko Epson Corp		<input checked="" type="checkbox"/> (Partial Translation)
	DX	JP	3-22160	A	01-30-1991	Fuji Electric Co Ltd.; Fuji Facom Corp.		<input checked="" type="checkbox"/> (Abstract)
	DY	JP	3-36615	A	02-18-1991	Mitsumi Electric Co Ltd.		<input checked="" type="checkbox"/>
	DZ	JP	3-182397	A	08-08-1991	Mitsubishi Electric Corp.		<input checked="" type="checkbox"/>

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		Examiner Name	Unassigned		
Sheet	4	of	4	Attorney Docket Number	021654-000270US

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	EA	HENNESSY, et al.; "Computer Architect a Quantitative Approach" 1990; pp. 574-585	
	EB	IBM T.D.B.; Almquist et al.; Spring-Clip Mounted Extruded Aluminum Heat Sink; May 1981; pp. 5303; Volume 23; Number 12	
	EC	IZADIAN, J., S., et al., "Increasing Circuit Complexities Require Sophisticated Design Considerations in Microwave Packaging", <i>MSN Microwave Systems News</i> (May 1985), Vol. 15, No. 6, pp. 138, 141, 144, 146.	
	ED	SELL, G., "Amplifiers and Enclosures: The Heat Dissipation Question", (September 1989), <i>Communications Engineering and Design</i> , Vol. 15, No. 10, pp. 34, 38, 42, 46.	

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